

Title (en)
APPARATUS, METHOD, AND COMPUTER PROGRAM FOR ACOUSTICALLY MONITORING A MONITORING REGION

Title (de)
VORRICHTUNG, VERFAHREN UND COMPUTERPROGRAMM ZUR AKUSTISCHEN ÜBERWACHUNG EINES ÜBERWACHUNGSBEREICHES

Title (fr)
DISPOSITIF, PROCÉDÉ ET PROGRAMME D'ORDINATEUR POUR LA SURVEILLANCE ACOUSTIQUE D'UNE ZONE DE SURVEILLANCE

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Abstract (en)
[origin: WO2019215166A1] The invention relates to an apparatus (100) for acoustically monitoring a monitoring region (110), having: a first sensor system (120) with a first acoustic sensor (122), a first processor (124) and a first transmission device (126) which can be attached to a first point in the monitoring region; and a second sensor system (130) with a second acoustic sensor (132), a second processor (134) and a second transmission device (136) which can be attached to a second point in the monitoring region, said point being different from the first point. The first processor can be designed to classify a first audio signal detected by the first acoustic sensor in order to obtain a first classification result, and the second processor can be designed to classify a second audio signal detected by the second acoustic sensor in order to obtain a second classification result. The first transmission device can be designed to transmit the first classification result to a central evaluation device (150), and the second transmission device can be designed to transmit the second classification result to the central evaluation device. Furthermore, the apparatus can have the central evaluation device, wherein the central evaluation device can be designed to receive the first classification result and to receive the second classification result and to generate a monitoring output for the monitoring region on the basis of the first classification result and the second classification result.

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